



IP DOME CAMERA
User Manual

HRT008IP

NORME GENERALI DI SICUREZZA - *General safety recommendations* Sicurezza delle persone - *Safety warnings*



Leggere e seguire le istruzioni - Tutte le istruzioni per la sicurezza e per l'operatività devono essere lette e seguite prima che il prodotto sia messo in funzione.

Precauzioni particolari - Rispettare tassativamente l'ordine delle istruzioni di installazione e collegamento descritte nel

manuale. Verificare le indicazioni riportate sulla targa di identificazione: esse devono corrispondere alla vostra rete elettrica di alimentazione ed al consumo elettrico. Conservate le istruzioni per una consulta futura.

Read and follow the instructions - Read the installation instructions before connecting the system to its power source. Follow these guidelines to ensure general safety.

In order to prevent injury, burns or electrical shock to yourself and others, follow the connection instruction plan carefully.

Sicurezza del prodotto - *Product Safety*

Non posizionare in prossimità di liquidi oppure in un ambiente ad umidità eccessiva.

Non lasciare penetrare del liquido o corpi estranei all'interno dell'apparecchiatura.

Non ostruire le griglie di aerazione.

Non sottoporre all'esposizione dei raggi solari oppure in prossimità di fonti di calore.

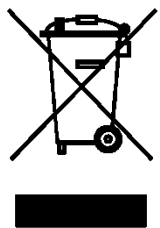
Do not use the product in a wet location.

Never push a foreign object through an opening inside the product.

Slots and openings are provided for ventilation and should never be covered.

Do not place under direct sunlight or heat sources.

INFORMAZIONI SULL'AMBIENTE - *ENVIRONMENT INFORMATION*



Note per lo smaltimento del prodotto valide per la Comunità Europea

Questo prodotto è stato progettato e assemblato con materiali e componenti di alta qualità che possono essere riciclati e riutilizzati. Non smaltire il prodotto come rifiuto solido urbano ma smaltirlo negli appositi centri di raccolta. E' possibile smaltire il prodotto direttamente dal distributore dietro l'acquisto di uno nuovo,

equivalente a quello da smaltire. Abbandonando il prodotto nell'ambiente si potrebbero creare gravi danni all'ambiente stesso. Nel caso il prodotto contenga delle batterie è necessario rimuoverle prima di procedere allo smaltimento. Queste ultime debbono essere smaltite separatamente in altri contenitori in quanto contenenti sostanze altamente tossiche.

Il simbolo rappresentato in figura rappresenta il bidone dei rifiuti urbani ed è tassativamente vietato riporre l'apparecchio in questi contenitori.

L'immissione sul mercato dopo il 1° luglio 2006 di prodotti non conformi al DLgs 151 del 25-07-05 (Direttiva RoHS RAEE) è amministrativamente sanzionato.

Disposal of waste products for European Union

This products was designed to minimize their impact on the environment by reducing or eliminating hazardous materials and designing for recyclables.

This product should be handed over to a designated collection point, e.g., on an authorized one -for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment. Improper handling of this kind of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances.

This symbol indicates that this product has not to be disposed of with your household waste, according to the WEEE Directive.

For more information about where you can drop off your waste equipment for recycling, please contact your local city waste authority, or your household waste disposal service.

GARANZIA - Warranty

Questa garanzia ha validità di 2 anni a partire dalla data di acquisto assicurata solo dietro presentazione della fattura o scontrino rilasciati al cliente dal rivenditore.

L'assistenza gratuita non è prevista per i guasti causati da:

-Uso improprio del prodotto, immagazzinamento inadeguato, cadute o urti, usura, sporcizia, acqua, sabbia, manomissione da personale non autorizzato del prodotto rispetto a quanto previsto nei manuali d'uso inclusi.

-Riparazioni, modifiche o pulizia effettuate da centri assistenza non autorizzati da HR EUROPE.

-Danni o incidenti le cui cause non possono essere attribuite alla HR EUROPE, comprendenti e non limitati a fulmini, eventi naturali, alimentazione e ventilazione inadeguata.

This warranty is valid for 2 years from the date of purchase obtained only against presentation of the original invoice/ cash ticket issued to the customer by the retailer.

Warranty repair service is excluded if damage or defects have been caused by:

-Improper use, incorrect storage, dropping or shocks, corrosion, dirt, water, handling or operation of the product as referred to in the users' manuals.

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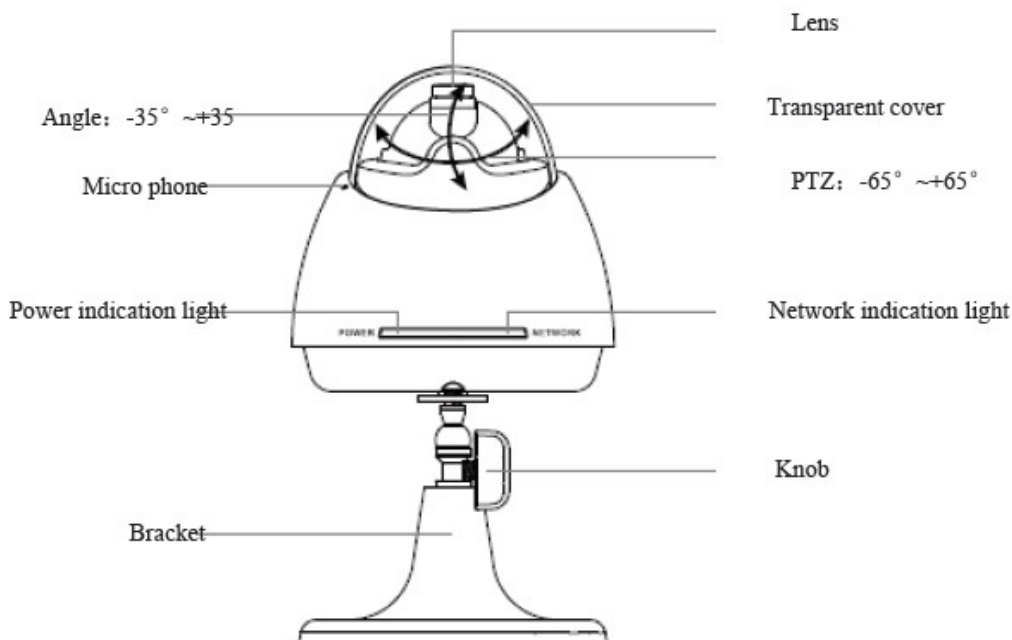
1. INTRODUCTION

PACKAGE CONTENTS

- IP camera-----1
- Bracket-----1
- Micelle-----1
- Plastic board-----1
- Screws and anchors-----4
- Plate screws-----2+1
- Network cable-----1
- Power cable-----1
- User Manual-----1

1.1 PART NAME AND FUNCTION

You can refer to the following figure for IP camera part name.



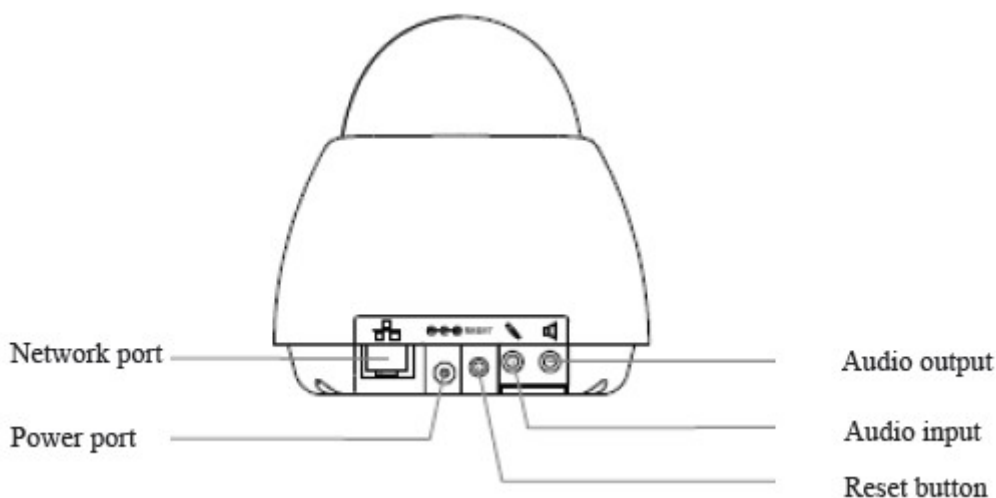
1.1.1 Power Indication Light Working Status Illustration

When connect power to the IP camera, the red light becomes flash and then green light becomes on. Now the program is running properly, you can log in via network.

The indication light turns off when you reboot the IP camera via software.

1.1.2 Network Indication Light Working Status Illustration

The network indication light becomes red when you connect the IP camera to the wire network.



1.1.3 RESET Button Function

You can click this button to restore factory default setup. After the power indication light became green, press this button for at least five seconds, you can see the system automatically reboot. After rebooting, the system restored factory default setup

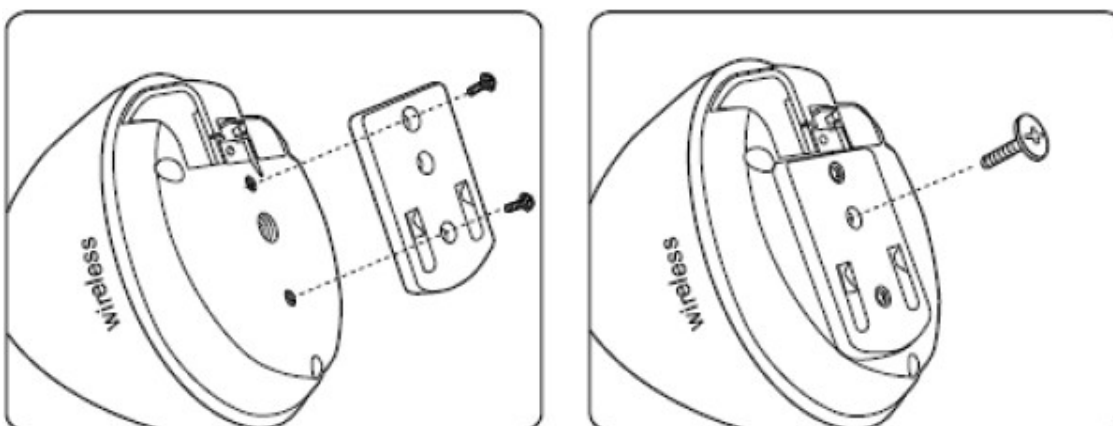
1.2 INSTALLATION PROCEDURE

This series IP camera can be installed on the table, wall or ceiling

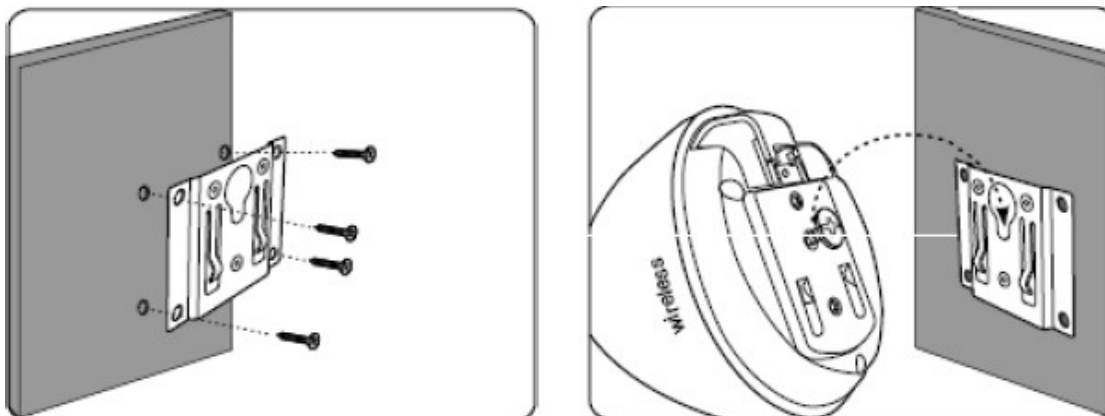
1.2.1 Without Bracket

You can use the fixed board to install the IP camera on the wall or the ceiling.

- Use screws to fix the IP camera on the plastic board.



- Dig four holes in the wall in accordance with the holes in the metal board. Insert the micelle into the holes. Fix the screws to the firm the metal board and then hang up the IP camera on the wall.

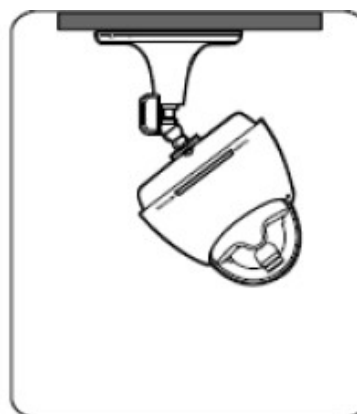
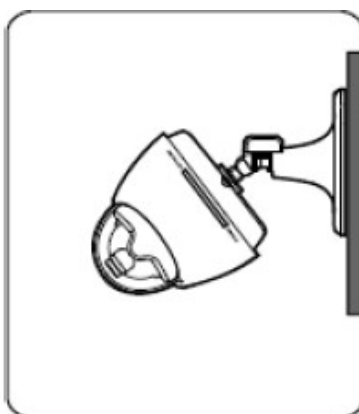


1.2.2 With Bracket

- You can install the IP camera with the bracket together on the wall or ceiling. Connect the bracket to the IP camera and then lock firmly. You can adjust the IP camera to the corresponding angle and then lock the button firmly.



- Place the IP camera with the bracket on the table. Or you can follow the steps in c 1.2.1



1.3 IP CAMERA POWER CABLE CONNECTION

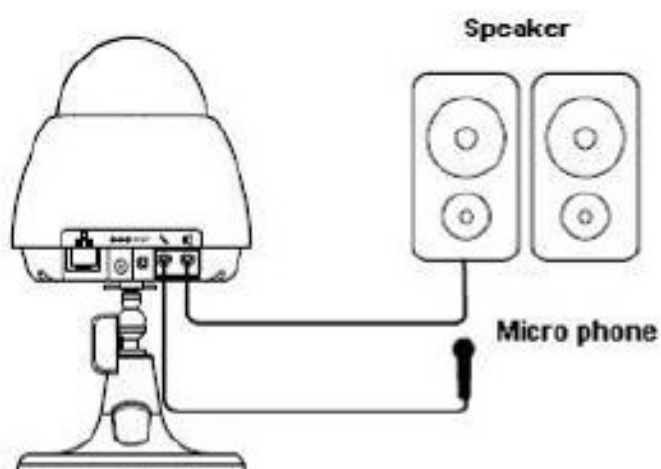
Connect the power adapter to the IP camera power port. You can see the power indication light becomes on.



Connect network cable to the network port



Note: This series IP cameras has built-in micro phone. You can also connect to external micro phone or speaker (optional).



1.4 SYSTEM REQUIREMENT

This series IP cameras has the following system requirement.

- **Processor**

Pentium 800MB or higher (Pentium 4, 2.4 GHz or higher recommended)

- **RAM**

256 MB or higher

- **Display card resolution**

1024x768 or higher/16-bit color or higher/16M display memory or higher/DirectX9.0c or higher

- **OS**

Microsoft Windows 2000, Windows XP,Vista.

- **Network Browser**

Internet Explorer 5.X or 6.X. DirectX 8.1 or higher.


- **Network protocol**

TCP/IP

- **Network port**

10/100Mbps internet.

1.5 TECHNICAL SPECIFICATION

Model Parameter	 HRT008IP
CCD	1/6" CMOS
Pixel	300000 pixels
Resolution	380 TV line
Lens spec	Fixed focus: 2.9mm/F2.0 Angle: 51°
Illumination	1 Lux/F2.0
S/N	50dB
Gamma Correction	0.45
Gain control	Auto
BLC	Auto
Electronic shutter	Auto 1 / 25 ~ 1 / 15000
Video compression	H.264
Video compression resolution	VGA / CIF / QVGA / QCIF / QQVGA
Video frame rate	Max 25f/s (adjustable)
Video Bit rate	32K~ 1Mbps (Adjustable)
Video motion detection	22x18, six levels
Audio compression	G. 711 / PCM
Audio bit rate	64Kbps / 32Kbps / 10.2Kbps
Audio	Built-in MIC and speaker
Cable network	1-ch 10/100Mbps internet
PTZ	Pan 0 ~ 130° / tilt : 0 ~ 70°
Power compensation	5 VDC
Power consumption	3 W
Working environment	Temperature: 0~ +50°C; humidity: 20~80%
Dimension	110 Øx110mm
Weight	330g
Installation	Support various installation such as mount or rack mount
Main processor	Embedded SOC media processor
OS	Embedded linux
Network browser access	Built-in web server
Safety	Passwork protection. Support multiple-level user and group management
Max access amount	Support max 10 users to visit at the same time.

4. USAGE THROUGH THE WEB

The camera is equipped with web server function for connecting to local or remote PC through internet explorer.

4.1 NETWORK CONNECTION

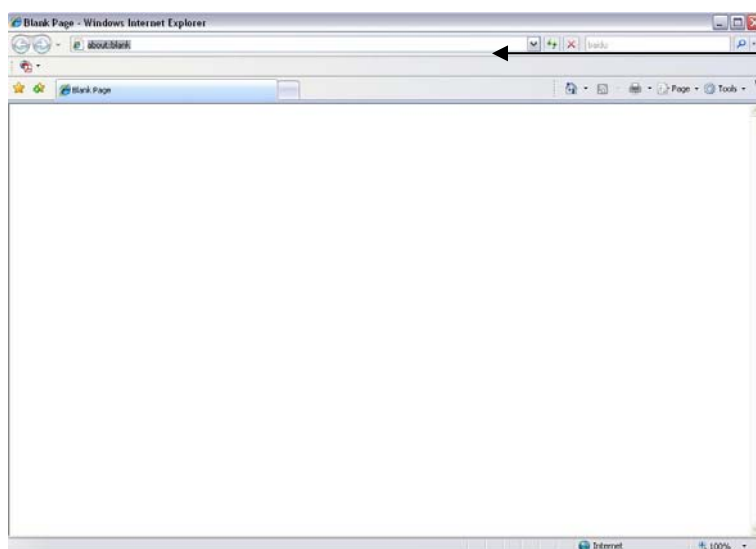
Before web client operation, please check the following items:

- Network camera network connection is right .
- IP camera and PC network setup is right. Refer to general-system setting-network setup .
- Use order ping ***.***.***.***(* IP camera address) to check connection is OK or not.

4.2 LOGIN

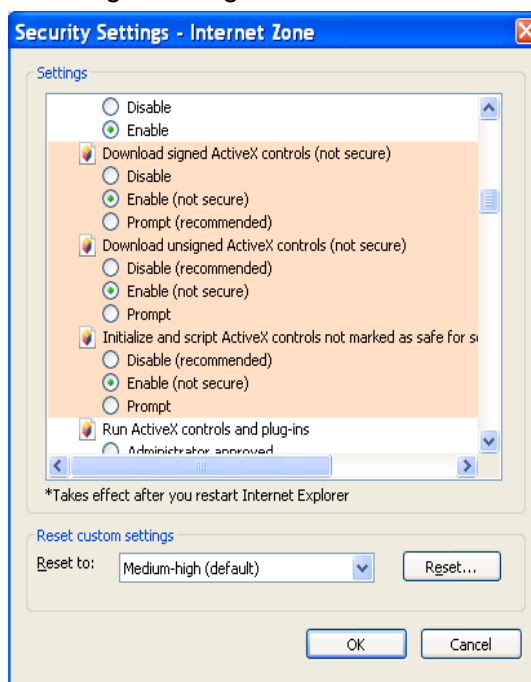
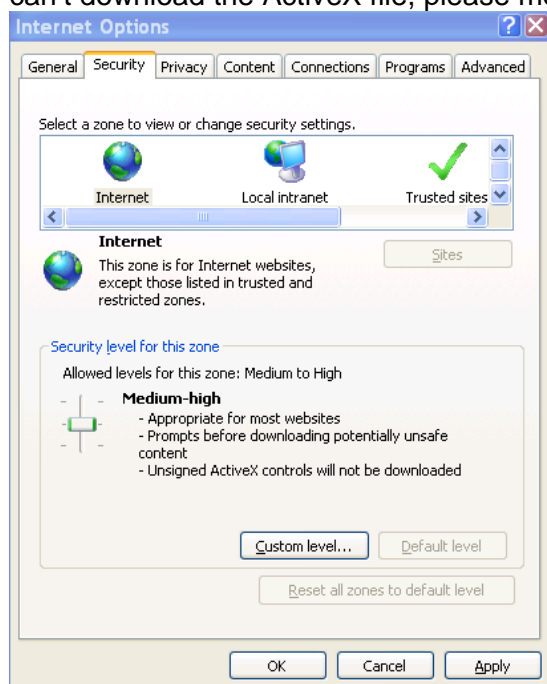
Open IE and input network camera address in the address column.

For example, if your camera IP is 192.168.1.108, then please input http:// 192.168.1.108 in IE address column.



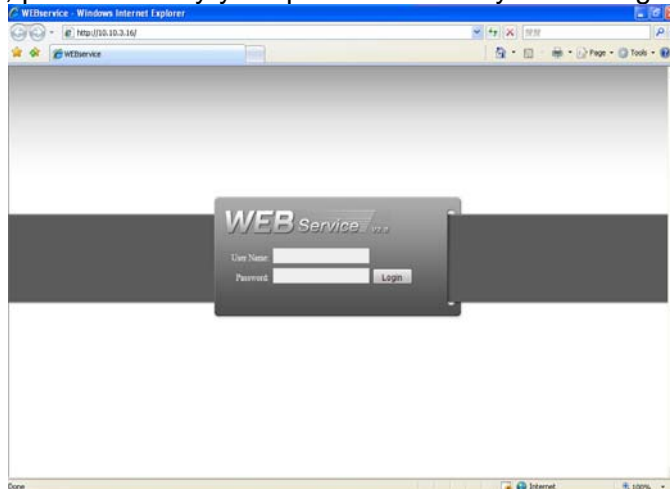
Input your IP address here.

System pops up warning information to ask you whether install controls or not. Click "Yes" continue. If you can't download the ActiveX file, please modify your setting. See Figure



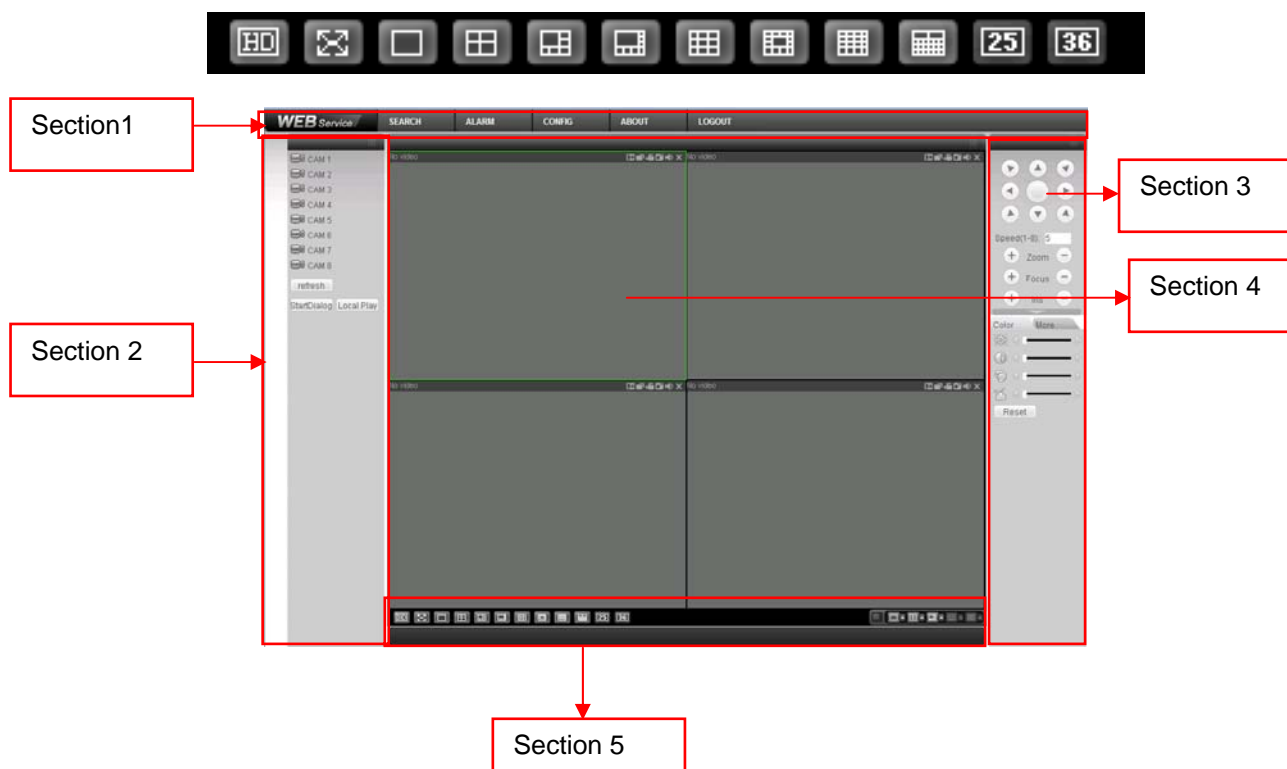
After installation, the interface is shown as below. .Please input your user name and password. Default factory name is admin and password is admin.

Note: For security reasons, please modify your password after you first login.



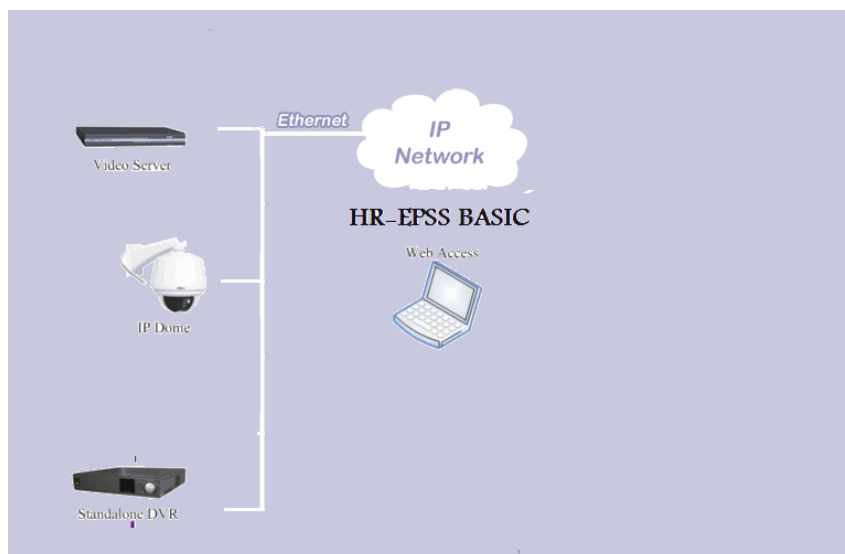
After you logged in, you can see the main window This main window can be divided into the following sections.

- Section 1: there are five function buttons: configuration (chapter), search (chapter), alarm (chapter), about (chapter), log out (chapter).
- Section 2: there are channel number and three function buttons: start dialog and local play, refresh.
- Section3: there are PTZ (chapter), color (chapter) button and you can also select picture path and record path.
- Section 4:real-time monitor window. Please note current preview window is circled by a green rectangle zone.
- Section 5: Here you can view window switch button. You can also select video priority between fluency or real-time.
 - ✧ System monitor window switch supports full screen/1-window/4-window/6-window/8-window/9-window/13-window/16-window/20-window/25-window/36-window.



5. QUICK GUIDE TO THE CHOICE OF SOFTWARE

5.1 HR-EPSS BASIC



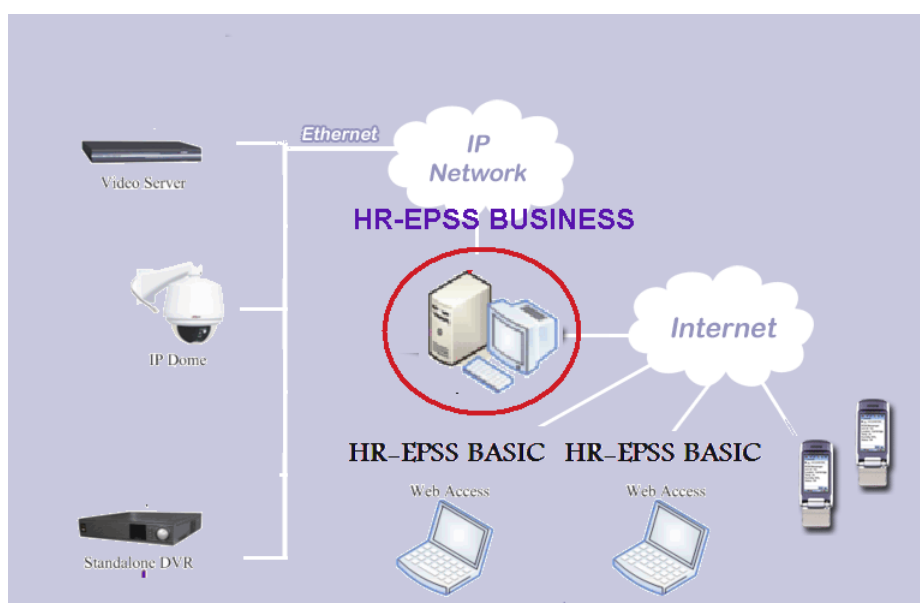
Install the HR-EPSS Basic (Pro Enterprise Surveillance System Basic) to use the following functions:

- Live playback
 - IP devices
 - Multiple IP devices
 - Plans to display time
- Playing recorded files
 - Playback in single channel or 4 channels mode.
- Download recorded files
 - Download of multiple files contemporaries.
- Management and configuration of IP devices

Note: Refer to the manual in the CD for more information.

5.2 HR-EPSS BUSINESS(TRIAL 90GG)

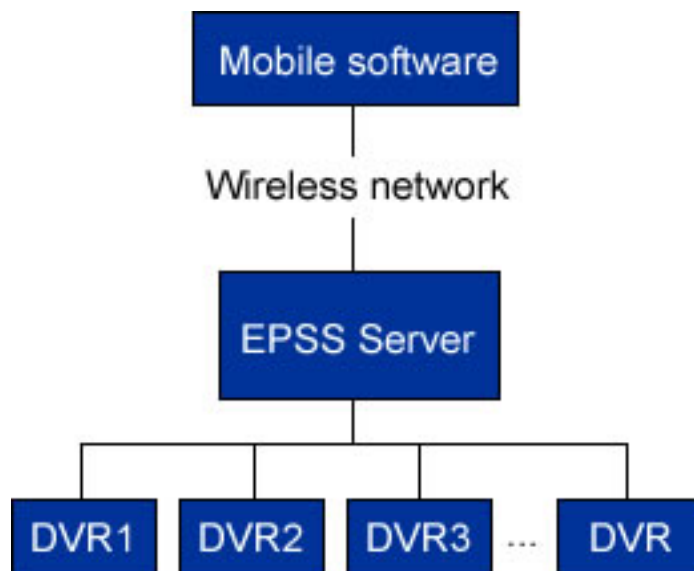
To activate the software contact the HR Europe Service Center .



Install the HR-EPSS Business (Enterprise Business System Surveillance Pro) on a PC / Server in order to centralize all IP devices.

The business version can be used in server mode, in which all IP devices will be added and managed in Client mode, so it's enough connect to the server in order to handle all IP devices that it manage.

The Business Software HR-EPSS supports connection through mobile Smartphones and PDAs, for Live viewing and playback of all IP devices connected to the server.



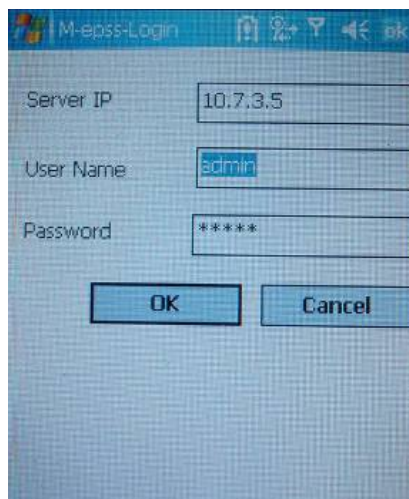
Note: Use a Static Public IP Address to contact the Server from remote locations. Refer to the manual in the CD for more information.

5.3 HR-MOBILE PSS

MINIMUM SYSTEM REQUIREMENTS:

- Smart Phone equipped with MS Windows Mobile 5.0 or Higher.
- Connection GPRS, EDGE, UMTS.
- Display TFT 2,8"
- ADSL connection with Static Public IP Address where you installed the HR-EPSS Software Business. It is necessary send the MPSS.exe software to your mobile phone. Choose your referred connection (Bluetooth, IR, Cable, Memory Card) using your mobile phone user manual. Configure your Internet connection, check live signal and start application.

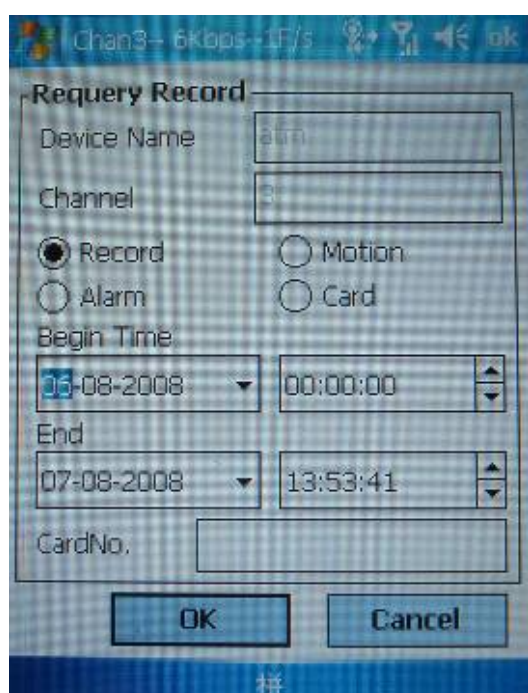
Set the connection parameters to the server-HR EPSS remote provided by the ISP, user name, password.



After you login screen looks like.



Each of the devices connected to the server will be showed in list. Connecting to the device you want to see Live images recorded. If is connected camera IP, you can also control the movement.





Technical specifications can be modified without any preliminary notice

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